

**REMARKS**

This paper is being filed in response to the Office Communication dated May 19, 2003. Applicants respectfully request reconsideration of the above-identified application in light of the amendments presented herein.

Claims 1-28 are pending in the instant application. Claims 10-12 and 15-16 have been amended to recite sequence identifiers or correct a minor typographical error. These amendments, therefore, do not constitute new matter. Thus, claims 9-32 will remain pending upon entry of the instant amendment.

Amended claims 10-12 and 15-16 are presented in the preceding "IN THE CLAIMS" section. Attached hereto is a clean version of all pending claims. The attached pages are captioned "CLEAN VERSION FOR EXAMINER'S CONVENIENCE." Should any discrepancies be discovered, the version presented in the preceding "IN THE CLAIMS" section shall take precedence.

Applicants enclose herewith a Third Substitute Sequence Listing in paper and computer-readable form. Support for the sequences listed in the Third Substitute Sequence Listing may be found in the specification as filed, *inter alia*, at paragraph [0018]. This version of the sequence listing corrects two minor typographical errors in the descriptive information related to SEQ ID NO:4. Therefore, the revised sequence listing does not constitute new matter.

I hereby state that the content of the paper and computer readable copies of the Third Substitute Sequence Listing submitted in accordance with 37 C.F.R. §1.821(c) and (e), are the same. I hereby state that the content of the paper and computer readable copies of the Second Substitute Sequence Listing, submitted in accordance with 37 C.F.R. §1.821(g), herein does not include new matter.

The Technology Center Examiner has alleged that the instant application fails to comply with 37 C.F.R. §§ 1.821-1.825 and that Applicants Response to Notice of Defective Reply filed March 10, 2003 was not fully responsive to the Office Communication dated February 12, 2003 since claim 10 recites sequences without reference to a sequence identifier. However, no defect in the computer-readable form filed on March 10, 2003 was identified in the instant Office Communication.

Applicants traverse this objection to the instant application and assert that the application, as amended herein, recite sequence identifiers. Applicants believe the instant application fully complies with 37 C.F.R. §§ 1.821-1.825 and, therefore, respectfully request withdrawal of this objection.

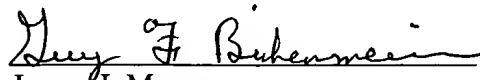
Applicants do not believe that any fees are required with this Response.

Nevertheless, the Commissioner is hereby authorized to charge any required fees not otherwise enclosed herewith to Deposit Account No. 02-4377. Two copies of this page are enclosed.

Applicants enclose a copy of the Notice to Comply herewith.

Respectfully submitted,

June 19, 2003



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Enclosures